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NOTICE OF ALLOWANCE AND FEE(S) DUE

67801

7590

09/08/2008

MARTIN D. MOYNIHAN d/b/a PRTSI, INC. P.O. BOX 16446 ARLINGTON, VA 22215

EXAMINER					
DOLE, TIMOTHY J					
ART UNIT	PAPER NUMBER				

2831

DATE MAILED: 09/08/2008

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO.

10/700,588 11/05/2003 Ziv Reich 26749 6409

TITLE OF INVENTION: METHOD AND DEVICE FOR MONITORING AND CONTROLLING FLUID LOCOMOTION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$720	\$300	\$0	\$1020	12/08/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where n

appropriate. All further ndicated unless correcte naintenance fee notifica	correspondence including ed below or directed othe tions.	ng the Patent, advance on nerwise in Block 1, by (a	rders and notification a) specifying a new c	of m orresp	naintenance fees w pondence address;	vill be and/or	mailed to the current of (b) indicating a separ	correspondence address as rate "FEE ADDRESS" for
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MARTIN D. M P.O. BOX 16440 ARLINGTON, V	MOYNIHAN d/b/2 6	1/2008 1 PRTSI, INC.		I her	Cer eby certify that these Postal Service w	tificate is Fee(e of Mailing or Transn s) Transmittal is being ficient postage for first	deposited with the United class mail in an envelope above, or being facsimile te indicated below.
								(Depositor's name)
								(Signature)
				<u> </u>				(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/700,588	11/05/2003	OF FOR MONIFORING	Ziv Reich	IC E	LUD I OCOMOT	IOM	26749	6409
TILE OF INVENTION		ICE FOR MONITORING	AND CONTROLLIN	NG FI	LUID LOCOMOT	ION		
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE I	UE	PREV. PAID ISSUE	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$720	\$300		\$0		\$1020	12/08/2008
EXAM	IINER	ART UNIT	CLASS-SUBCLASS	;				
DOLE, TI		2831	324-663000					_
. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the names of to agents OR, alter (2) the name of a registered attorney 2 registered patent	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
PLEASE NOTE: Unl recordation as set fort (A) NAME OF ASSIG	less an assignee is ident h in 37 CFR 3.11. Comj GNEE	oletion of this form is NO	data will appear on t T a substitute for filin; (B) RESIDENCE: (G	he pa g an a CITY	stent. If an assignussignment. and STATE OR C	OUNT	TRY)	cument has been filed for
								up entity Government
a. The following fee(s) are submitted: I ssue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies			4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) ☐ A check is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).					
_ ` .	tus (from status indicate is SMALL ENTITY stati		h Applicant is no	lone	ser claiming SMAI	LEN	ΓΙΤΥ status. See 37 CF.	R 1 27(g)(2)
OTE: The Issue Fee an	d Publication Fee (if rea		d from anyone other tl		-			e assignee or other party in
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10/700,588	11/05/2003	Ziv Reich	26749	6409	
67801 75	90 09/08/2008		EXAM	INER	
MARTIN D. MC	YNIHAN d/b/a PRT	DOLE, TIMOTHY J			
P.O. BOX 16446			ART UNIT	PAPER NUMBER	
ARLINGTON, VA 22215			2831		
			DATE MAILED: 09/08/200	8	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 856 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 856 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	Аррисацоп но.	Applicant(s)	
Notice of Allowability	10/700,588	REICH ET AL.	
Notice of Allowability	Examiner	Art Unit	
	TIMOTHY J. DOLE	2831	
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate communication. This application is su	this application. If not included nication will be mailed in due course.	
1. X This communication is responsive to <u>amendment filed Aug</u>	<u>ust 14, 2008</u> .		
2. X The allowed claim(s) is/are 36-40,42,43,45,49-53,134-138,	140,141,143,147-156,158-17	<u>71 and 173-181</u> .	
 3. ☐ Acknowledgment is made of a claim for foreign priority ur a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 	been received.		
3. Copies of the certified copies of the priority do	• • • • • • • • • • • • • • • • • • • •		n the
International Bureau (PCT Rule 17.2(a)).		3	
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give	IENT of this application. itted. Note the attached EXA	MINER'S AMENDMENT or NOTICE	
5. CORRECTED DRAWINGS (as "replacement sheets") mus	, , <u>-</u>		
(a) ☐ including changes required by the Notice of Draftspers		(PTO-948) attached	
	_	(110 540) attached	
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.	s Amendment / Comment or		f
each sheet. Replacement sheet(s) should be labeled as such in t			
 DEPOSIT OF and/or INFORMATION about the depo- attached Examiner's comment regarding REQUIREMENT 			
Attachment(s)	E Nacce et s	semal Datant Assiliantian	
1. Notice of References Cited (PTO-892)		ormal Patent Application	
 Notice of Draftperson's Patent Drawing Review (PTO-948) Information Disclosure Statements (PTO/SB/08), 		mmary (PTO-413), //ail Date \mendment/Comment	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit		Statement of Reasons for Allowance	
of Biological Material	9.		

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with attorney of record, Martin Moynihan, on September 2, 2008.

The application has been amended as follows:

Cancel claims 41, 139, 157 and 172.

Change "41" to --36-- in claim 42, line 1.

Change "capillary" to --HPLC column-- in claim 42, line 2.

Change "41" to --36-- in claim 43, line 1.

Change "capillary" to --HPLC column-- in claim 43, line 1.

Change "139" to --134-- in claim 140, line 1.

Change "capillary" to --HPLC column-- in claim 140, line 2.

Change "139" to --134-- in claim 141, line 1.

Change "capillary" to --HPLC column-- in claim 141, line 1.

Change "157" to --152-- in claim 158, line 1.

Change "capillary" to --microchannel-- in claim 158, line 2.

Change "157" to --152-- in claim 159, line 1.

Change "capillary" to --microchannel-- in claim 159, line 1.

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Art Unit: 2831

Change "172" to --167-- in claim 173, line 1.

Change "capillary" to --microchannel-- in claim 173, line 2.

Change "172" to --167-- in claim 174, line 1.

Change "capillary" to --microchannel-- in claim 174, line 1.

2. The following is an examiner's statement of reasons for allowance: the claims are considered to be allowable due to the inclusion of claim limitations: "a capacitor, being formed on or integrated with the fluid channel and having a variable cross-sectional area...said variable cross-sectional area is selected so that a change in a capacitance of said capacitor represents a location of the fluid in the fluid channel wherein the fluid channel is an HPLC column" in claim 36; "continuously measuring capacitance changes of a variable cross-sectional area capacitor being formed on or integrated with the fluid channel, the fluid channel being an HPLC column; and using said capacitance changes to determine a location of the fluid in the fluid channel at any time, thereby to monitor fluid locomotion" in claim 134; "a capacitor, being formed on or integrated with the fluid channel and having a variable cross-sectional area...said variable crosssectional area is selected so that a change in a capacitance of said capacitor represents a location of the fluid in the fluid channel wherein the fluid channel is a microchannel of a microfluidic device" in claim 152; and "continuously measuring capacitance changes of a variable crosssectional area capacitor being formed on or integrated with the fluid channel, the fluid channel being a microchannel of a microfluidic device; and using said capacitance changes to determine a location of the fluid in the fluid channel at any time, thereby to monitor fluid locomotion" in claim 167.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TIMOTHY J. DOLE whose telephone number is (571)272-2229. The examiner can normally be reached on Mon. thru Fri. from 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diego Gutierrez can be reached on (571) 272-2245. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.